

Notice of Allowability

Application No.

09/418,503

Applicant(s)

YAMADA ET AL.

Examiner

LUONG T. NGUYEN

Art Unit

2612

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendment filed on 3/11/2005.
2. ☒ The allowed claim(s) is/are 1-53 (renumbered as 1-6, 8-11, 13-18, 20-23, 25-29, 31-34, 36, 38-43, 45, 47-52, 7, 12, 19, 24, 30, 35, 37, 44, 46, 53, respectively).
3. ☒ The drawings filed on 11 March 2005 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date 08/08/05.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Dickey on 08/05/2005.

2. The claims have been amended as follows:

Claim 1 (line 15), claim 7 (line 17), claim 11 (line 16), claim 17 (line 18), claim 21 (line 16), claim 26 (line 18), "to turn on the read/out display device" has been changed to --to automatically turn on the readout/display device--.

Claim 30 (line 18), claim 31 (line 6), claim 33 (line 5), claim 34 (line 5), claim 35 (line 4), claim 36 (line 5), "means for turning on" has been changed to --means for automatically turning on---.

Claim 37 (line 19), "to turn on the display" has been changed to --to automatically turn on the display--.

Claim 38 (line 7), "turning on a display" has been changed to --turning on automatically a display--.

Claim 40 (line 5), claim 41 (line 5), claim 42 (line 4), claim 43 (line 5), "turning on the display" has been changed to --turning on automatically the display--.

REASONS FOR ALLOWANCE

3. Claims 1-53 are allowed.

The following is an examiner's statement of reasons for allowance:

Regarding claim 1, the prior art of the record fails to show or fairly suggest a digital camera, comprising a display time control device configured to automatically turn on the readout/display device, without user input, after the photograph process device writes the image information in the recording medium and configured to operate the readout/display device for a predetermined time so as to read out and display at least two frames of the consecutive images in the movie capture mode after the photograph process device writes the image information consecutively in the recording medium.

Claims 2-6, 44 are allowable for the reason given in claim 1.

Regarding claim 7, the prior art of the record fails to show or fairly suggest a digital camera, comprising a display time control device configured to automatically turn on the readout/display device, without user input, after the photograph process device writes the image information in the recording medium, configured to operate the readout/display device for a predetermined time so as to read out and display the single static image that was last taken when in said normal photographing mode, and configured to operate said readout/display for another predetermined time so as to read out and display at least two frames of the consecutive images in the movie capture mode when in said movie capture mode.

Claims 8-10, 45 are allowable for the reason given in claim 7.

Regarding claim 11, the prior art of the record fails to show or fairly suggest a digital camera, comprising a display time control device configured to automatically turn on the

Art Unit: 2612

readout/display device, without user input, after the photograph process device writes the image information in the recording medium and configured to operate the readout/display device for a predetermined time so as to read out and display at least two frames of the multiple static images when in the continuous shoot mode of operation.

Claims 12-16, 46 are allowable for the reason given in claim 11.

Regarding claim 17, the prior art of the record fails to show or fairly suggest a digital camera, comprising a display time control device configured to automatically turn on the readout/display device, without user input, after the photograph process device writes the image information in the recording medium, configured to operate the readout/display device for a predetermined time so as to read out and display the single static image that was last taken when in said normal photographing mode, and configured to operate the readout/display device for another predetermined time so as to read out and display at least two of the multiple static images when in said continuous shoot mode.

Claims 18-20, 47 are allowable for the reason given in claim 17.

Regarding claim 21, the prior art of the record fails to show or fairly suggest a digital camera, comprising a display time control device configured to automatically turn on the readout/display device, without user input, after the photograph process device writes the image information in the recording medium and configured to operate the readout/display device for a predetermined time so as to read out and display a static frame of the multiple static images when in the auto bracketing mode.

Claims 22-25, 48 are allowable for the reason given in claim 21.

Art Unit: 2612

Regarding claim 26, the prior art of the record fails to show or fairly suggest a digital camera, comprising a display time control device configured to automatically turn on the readout/display device, without user input, after the photograph process device writes the image information in the recording medium, configured to operate the readout/display device for a predetermined time so as to read out and display a single static image that was last taken when in said normal photographing mode, and configured to operate the readout/display device for another predetermined time so as to read out and display a frame of the multiple frames when in said auto bracketing mode.

Claims 27-29, 49 are allowable for the reason given in claim 26.

Regarding claim 30, the prior art of the record fails to show or fairly suggest a digital camera, comprising means for automatically turning the means for reading out and displaying, without user input and after the means for writing writes the image information in the recording medium, and for controlling the means reading out and displaying for a first predetermined time so as to read out and display a single static image that was last taken when in said normal photographing mode, read out and displaying for a second predetermined time a frame of said multiple frames when in said auto bracketing mode, read out and display for a third predetermine time said at least two frames of said successive images when in said movie capture mode, and read out and display for a fourth predetermine time said at least two frames of multiple static images when in the continuous shoot mode of operation.

Claim 50 is allowable for the reason given in claim 30.

Regarding claim 31, the prior art of the record fails to show or fairly suggest a digital camera, comprising means for automatically turning on a display, without user input, after the

Art Unit: 2612

means for recording records said electronic representation of said plurality of recordable images, reading out a portion of said electronic representation of said plurality of recordable images, and displaying on said display during a third time period at least one image that corresponds with the portion of said electronic representation of said recordable images.

Claims 32-36, 51 are allowable for the reason given in claim 31.

Claims 37, 52 are method claims of apparatus claims 30, 50, respectively; therefore, claims 37, 52 are allowable for the reasons given in claims 30, 50.

Claim 38 is method claim of apparatus claim 31; therefore, claim 38 is allowable for the reasons given in claim 31.

Claims 39-43, 53 are allowable for the reason given in claim 38.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

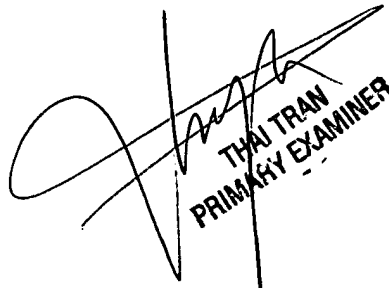
4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to LUONG T. NGUYEN whose telephone number is (571) 272-7315. The examiner can normally be reached on 7:30AM - 5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, ^{Thai Tram} ~~WENDY GABER~~ can be reached on (571) 272-⁷³⁸² ~~7308~~. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

Art Unit: 2612

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

LN LN
08/08/05


THAI TRAN
PRIMARY EXAMINER